Haowen Liu

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Education

2018-01 - 2020-12

The Ohio State University, Columbus, OH
B.S Computer and Information Science
Dean's List 2018-2019
Overall GPA 3.89

2016-08 - 2017-12

Syracuse University, Syracuse, NY
B.S Computer Science
Overall GPA: 3.75

Related Experience

2016-11 - 2016-12

Game Design Project
- Designed a traditional Chinese card game utilizing Java

2019-03 - 2019-04

Web Application Design
- Designed a web application would help streamline the workflow of department hiring teaching assistants and ensure some consistency in the information

2019-05 - 2019-08

Technology Summer Analyst
BNP Paribas
- Developed an application including a website to automates the workflow of monthly department reports.

Technical Skills

Programming experience with Python, Java, C, Ruby on Rails, Assembly, JavaScript, HTML

UNIX/Linux

Microsoft Office(Word, Powerpoint, SharePoint)

Coursework

Software development & Web-application design

Data Structures and Algorithms

Computer Organization and Computer System

Publications

2019-05

Zhang, Y., Liu, H., Rosen, P., & Hajij, M. (2019). Mesh Learning Using Persistent Homology on the Laplacian Eigenfunctions. arXiv preprint arXiv:1904.09639.

Activities

2018-09 - 2018-12

Scientific Thinker Program
Helping elementary students understand science by engaging them in hands-on activities